

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,818,611 B1  
APPLICATION NO. : 09/701947  
DATED : November 16, 2004  
INVENTOR(S) : Elliot Altman

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Face Page, Page 2, Column 2 - (54) Publications

Delete "Blane" and insert --Blanc--

Delete "Lechrer" and insert --Lehrer--

Column 2 (Table 2 continued)

Line 13, delete "EET1 II" and insert --EETI II--

Column 2 (Table 3)

Line 51, insert --Receptor-- after "Nicotinic Acetylcholine"

Line 53, delete "EET1 II" and insert --EETI II--

Line 61, insert --Protein Kinase-- after "cAMP-Dependent"

Line 62, delete "Protein Calpain" and insert --Calpain--

Line 64, delete " $1.5 \times 10^{-9} \text{M}$ " and insert -- $2.5 \times 10^{-9} \text{M}$ --

Column 5

Line 49, delete "proteion" and insert --protein--

Column 19 (Table 4) *E. coli* Strains

Delete "ALS221 BL21(DE3) ompT hsd5(b)(R-M-) gal dem" and insert --ALS221 BL21(DE3) ompT hsdS(b)(R-M-) gal dcm--

Delete "ALS224 MC1061 araD139 $\Delta$ (araABOIC-leu)7679 A(lac)X74" and insert --ALS224 MC1061 araD139 $\Delta$ (araABOIC-leu)7679  $\Delta$ (lac)X74--

Delete "ALS413 MG1655 *E. coli* wild-type F- $\gamma$ " and insert --ALS413 MG1655 *E. coli* wild-type F- $\lambda$ --

Column 19 (Table 4) Plasmids

delete "pKK223-3 lac promoter/operator, Amp<sup>R</sup>, colE1 replicon" and insert --pKK223-3 tac promoter/operator, Amp<sup>R</sup>, colE1 replicon--

delete "pTre<sup>99</sup>A trc promoter/operator, lacI<sup>q</sup>, Amp<sup>R</sup>, colE1 replicon" and insert --pTre99A trc promoter/operator, lacI<sup>q</sup>, Amp<sup>R</sup>, colE1 replicon--

delete "pXE60 wild-type TOL pWWO xylE gene. Amp<sup>R</sup>" and insert --pXE60 wild-type TOL pWWO xylE gene, Amp<sup>R</sup>--

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,818,611 B1  
APPLICATION NO. : 09/701947  
DATED : November 16, 2004  
INVENTOR(S) : Elliot Altman

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 21 (Table 5)

SEQ ID NO:7 should read: -- ATT GAA TTC ATA AGA TCT TTC CTG TGT GAA  
ATT GTT ATC CGC --

SEQ ID NO: 8 should read: -- ATT GAA TTC ACC ATG GAC ACC ATC GAA TGG  
TGC AAA A --

SEQ ID NO: 9 should read: -- GTT GTT GCC ATT GCT GCA G --

Column 24 (Table 6)

The last three lines of Table 6:

delete

“pET-21(-) Plasmid 2929 16803 6X” and insert --pET-21(+) Plasmid 2929 16803  
6X--

delete “pET-21(-)/pLysE Plasmid 4085 19558 5X” and insert --pET-21(+)/pLysE  
Plasmid 4085 19558 5X--

delete “pET-21(-)/pLysS Plasmid 1598 20268 13X” and insert --pET-21(+)/pLysS  
Plasmid 1598 20268 13X--

Column 25 (Table 7)

delete “ALS225 (recA<sup>+</sup>) 178,000 152,000” and insert --ALS225 (recA<sup>+</sup>) 178,000  
182,000--

Column 25, Line 50

delete “OD<sub>50</sub>” and insert --OD<sub>550</sub>--

Column 29, Line 33

delete “WPTG” and insert --IPTG--

Column 37, (Table 13)

delete “EETI II 29 disulfide bonds 23” and insert --EETI II 29 disulfide bonds 23--

Column 92, Line 63 (Claim 15)

delete “each” and insert --either--

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,818,611 B1  
APPLICATION NO. : 09/701947  
DATED : November 16, 2004  
INVENTOR(S) : Elliot Altman

Page 3 of 3

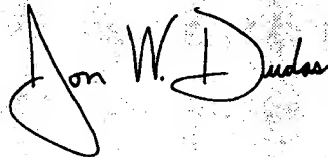
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 93, Line 4 (Claim 17)  
delete "consisting" and insert --comprising--

This certificate supersedes Certificate of Correction issued July 31, 2007.

Signed and Sealed this

Twenty-first Day of August, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*